Claims

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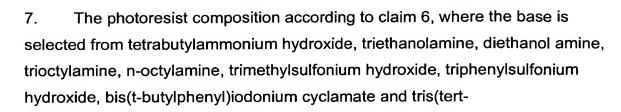
- 1. A negative photoresist composition comprising:
- a) an alkali soluble polymer comprising at least one unit of structure 1,

 $(CH_2)_n$ Rf_1 Rf_2

where Rf_1 and Rf_2 are independently a perfluorinated or partially fluorinated alkyl group; and,

- 15 n is 1-8,
 - b) a single or mixture of photoacid generators; and,
 - c) a crosslinking agent.
- 2. The photoresist composition according to claim 1, where the polymer contains other units.
 - 3. The photoresist composition according to claim 2, where the other units are selected from tetrafluoroethylene, ethylene, cycloalkenes, substituted cycloalkenes, maleic anhydride, cyanoacrylate and cyanomethacrylate.
 - 4. The photoresist composition according to claim 1, where the polymer is poly[5-(2-trifluoromethyl-1,1,1-trifluoro-2-hydroxypropyl)-2-norbornene].
- 5. The photoresist composition according to claim 1, where in the polymer, n is 1.
 - 6. The photoresist composition according to claim 1, further comprising a base.

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butylphenyl)sulfonium cyclamate.

- 8. A process for imaging a negative photoresist comprising the steps of:
- a) forming on a substrate a photoresist coating from the photoresist composition of claim 1;
- 10 b) image-wise exposing the photoresist coating;
 - c) postexposure baking the photoresist coating; and
 - d) developing the photoresist coating with an aqueous alkaline solution.
- 9. The process of claim 8, where the image-wise exposure wavelength is below 200 nm.
 - 10. The process according to claim 8 where the aqueous alkaline solution comprises tetramethylammonium hydroxide.
- 11. The process according to claim 8 where the aqueous alkaline solution further comprises a surfactant.